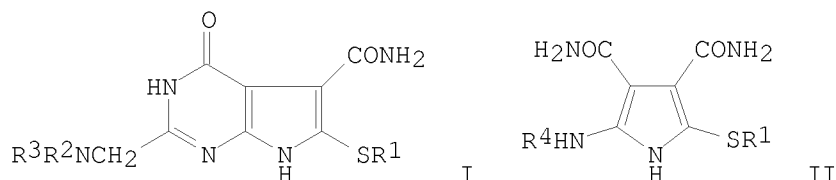


L9 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:497270 CAPLUS <<LOGINID::20090520>>
 DOCUMENT NUMBER: 111:97270
 ORIGINAL REFERENCE NO.: 111:16369a,16372a
 TITLE: Preparation of
 2-aminoalkyl-3,4-dihydro-4-oxo-7H-pyrrolo[2,3-
 d]pyrimidine as drug intermediates
 INVENTOR(S): Boehm, Ralf; Henkel, Lutz; Pech, Reinhard
 PATENT ASSIGNEE(S): Martin-Luther-Universitaet Halle-Wittenberg, Ger. Dem.
 Rep.
 SOURCE: Ger. (East), 5 pp.
 CODEN: GEXXA8
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DD 261158	A1	19881019	DD 1987-299144	19870108
PRIORITY APPLN. INFO.:			DD 1987-299144	19870108
OTHER SOURCE(S):		CASREACT 111:97270; MARPAT 111:97270		

GI



AB The title compds. (I; R1 = alkyl; R2, R3 = alkyl, aryl; R2R3 = heteroalkylene), useful as potential drugs and intermediates, were prepared from (alkylthio)aminodicarbanoylpyrroles II (R4 = H). II (R1 = Me, R4 = H) in DMF was stirred 1 h with ClCH2COCl to give 79% II (R1 = Me, R4 = ClCH2CO). The latter in DMF was refluxed 2 h with morpholine to give 74% II (R1 = Me, R4 = morpholinoacetyl) and the product was refluxed 2 min in 4M NaOH to give 70% I (R1 = Me, R2R3N = morpholino).

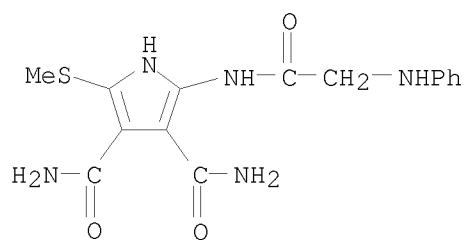
IT 122283-99-2P 122284-00-8P 122284-01-9P
122284-02-0P 122284-03-1P 122284-04-2P
122284-05-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and cyclization of, in preparation of drug intermediate)

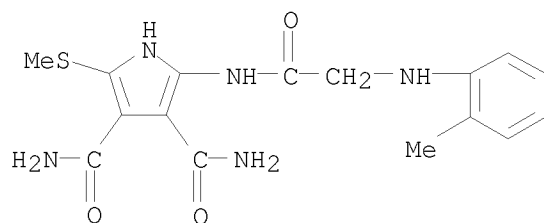
RN 122283-99-2 CAPLUS

CN 1H-Pyrrole-3,4-dicarboxamide, 2-(methylthio)-5-[[2-(phenylamino)acetyl]amino]- (CA INDEX NAME)



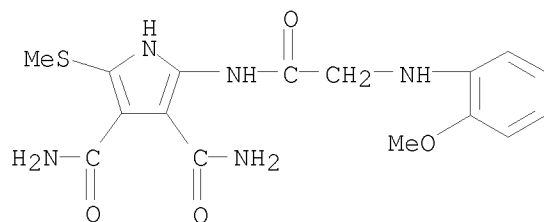
RN 122284-00-8 CAPLUS

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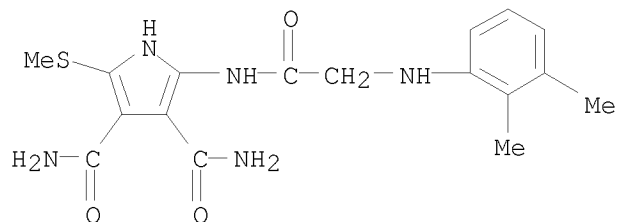
RN 122284-01-9 CAPLUS

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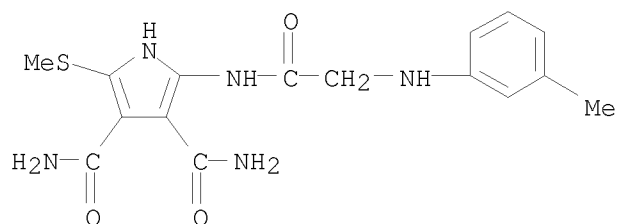
RN 122284-02-0 CAPLUS

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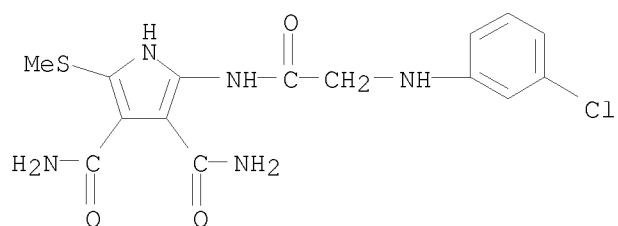
RN 122284-03-1 CAPLUS

CN 1H-Pyrrole-3,4-dicarboxamide, 2-[[2-[(3-methylphenyl)amino]acetyl]amino]-5-(methylthio)- (CA INDEX NAME)



RN 122284-04-2 CAPLUS

CN 1H-Pyrrole-3,4-dicarboxamide, 2-[[2-[(3-chlorophenyl)amino]acetyl]amino]-5-(methylthio)- (CA INDEX NAME)



RN 122284-05-3 CAPLUS

CN 1H-Pyrrole-3,4-dicarboxamide, 2-[[2-[(2-chlorophenyl)amino]acetyl]amino]-5-(methylthio)- (CA INDEX NAME)

